

# Sky Valley - Indoor Air Quality Assessment Sampling Plan (FINAL)

## February 9, 2016

The following is a draft sampling plan for testing and analysis at the above site. The list below shows the constituents then the location(s).

### Campus Wide

1. Damaged suspect lead-containing paints
2. Damaged suspect exterior PCB-containing paints, caulking, putties and sealants
3. All interior suspect PCB-containing materials
4. PCB air and surface – every classroom and common area, and representative offices and storage/prep areas
5. Water quality testing – lead and copper

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### Administration Bldg.

1. CO<sub>2</sub>, CO, Relative humidity, Temperature – Reception, Staff
2. Particulate air (fungal and non-fungal airborne particulate) – Reception, Staff
3. Particulate surface (accumulated surface dust - fungal and non-fungal particulate) - Reception, Staff
4. Radon – Reception, Staff
5. Formaldehyde – Reception, Staff
6. TVOC's (total volatile organic compounds) – Reception, Staff
7. Asbestos in accumulated surface dust – Reception and Staff
8. Asbestos air – Reception and Staff
9. Dust mite allergen – Reception, Staff

### Annex Bldg.

1. CO<sub>2</sub>, CO, Relative humidity, Temperature – Rm B, Rm C, Rm D
2. Part. air - Rm B, Rm C, Rm D
3. Part. surface - Rm B, Rm C, Rm D
4. Radon - Rm B, Rm C, Rm D
5. Formaldehyde - Rm B, Rm C, Rm D
6. TVOCs – Rm A, Rm B, Rm C, and Custodial closets
7. Asbestos air – Rm B, Rm C, Rm D
8. Asbestos in accumulated surface dust – Rm B, Rm C, Rm D
9. Dust mite allergen - Rm B, Rm C, Rm D

### Gym/Music Bldg.

1. CO<sub>2</sub>, CO, Relative humidity, Temperature - Music, gathering, east gym (small gym), girls locker, CTE
2. Part. air – Music, Gathering, East Gym (small gym), Girls Locker, CTE
3. Part. surface – Gathering, Small Gym, CTE
4. Formaldehyde – gyms with floor and wall pads
5. TVOC's - Custodial closets
6. Asbestos air – Café, Gathering, one restroom
7. Asbestos in accumulated surface dust – Music, Gathering, East Gym (small gym), Girls Locker, CTE
8. Radon – Music, Small Gym, Gathering
9. Dust mite allergen - Music, Gathering, CTE

**Main Bldg. – Library**

1. CO<sub>2</sub>, CO, Relative humidity, Temperature – one location
2. Part. air – one location
3. Part. surface – one location
4. Formaldehyde – one location
5. TVOCs – Custodial closet
6. Dust mite allergen – one location
7. Asbestos air – one location
8. Asbestos in accumulated surface dust – one location
9. Radon – one location

**Main Bldg. – East Pod**

1. CO<sub>2</sub>, CO, Relative humidity, Temperature – Rm 9, 11, 13, Center Pod
2. Part. air - Rm 9, 11, 13, Center Pod
3. Part. Surface - Rm 9, 11, 13, Center Pod
4. Formaldehyde - Rm 9, 11, 13, Center Pod
5. TVOCs - Rm 9, 11, 13, Center Pod
6. Dust mite allergen – Rm 9, 11, 13, Center Pod
7. Asbestos and silica air – Rm 9, 13, Center Pod
8. Asbestos in accumulated surface dust – Rm 9, 13, Center Pod
9. Radon - Rm 13, Center Pod
10. Calcium carbonate/crystalline silica air (concrete grinding areas)- Rm 8, 11, 12, Center Pod
11. Pesticides and PCB Analysis - Carpet pieces provided to PBS from Rooms 8, 12, Center Pod
12. Fungi, asbestos, dust mite, and non-fungal particulates - Leahy air filter Room 11

**Main Bldg. – North Pod**

1. CO<sub>2</sub>, CO, Relative humidity, Temperature – Rm 14, 18, 20, Center Pod
2. Part. Air – Rm 14, 18, 20, Center Pod
3. Part. Surface - Rm 14, 18, 20, Center Pod
4. Formaldehyde - rep Rm 14, 18, 20, Center Pod
5. TVOCs - Rm 14, 18, 20, Center Pod
6. Dust mite allergen - rep Rm 14, 18, 20, Center Pod
7. Asbestos and silica air – Rm 14, 20, Center Pod
8. Asbestos in accumulated surface dust - Rm 14, 20, Center Pod
9. Radon - Rm 14, Center Pod

**Main Bldg. – South Pod**

1. CO<sub>2</sub>, CO, Relative humidity, Temperature – Rm 2, 4, 5, 6, 7, Center Pod
2. Part. air - Rm 2, 4, 5, 6, 7, Center Pod
3. Part. surface - Rm 2, 4, 5, 6, 7, Center Pod
4. Formaldehyde - Rm 2, 4, 5, 6, 7, Center Pod
5. TVOCs - Rm 2, 4, 5, 6, 7, Center Pod
6. Dust mite allergen - Rm 2, 4, 5, 6, 7, Center Pod
7. Asbestos and silica air – Rm 2, 4, 6, 7, Center Pod
8. Asbestos in accumulated surface dust - Rm 2, 7, Center Pod
9. Radon - Rm 5, Center Pod
10. Soil – outside rooms 4, 5, 6, & 7 (representative locations)

**Main Bldg. – Attic Spaces**

1. Part. air – North, South, and East Pods
2. Part. surface - North, South, and East Pods
3. TVOCs - North, South, and East Pods
4. Dust mite allergen - North, South, and East Pods
5. Asbestos air – North, South, and East Pods
6. Asbestos in accumulated surface dust - North, South, and East Pods

**Technology Bldg.**

1. CO<sub>2</sub>, CO, Relative humidity, Temperature - Art, Wood shop
2. Part. air - Art, Wood shop
3. Formaldehyde - Art, Wood shop
4. TVOCs - Art, Wood shop, Custodial closet
5. Radon – Art, Wood shop
6. Silica air – Art
7. Asbestos air – Art, Wood shop
8. Asbestos in accumulated surface dust – Wood shop, Rm 23

NOTE: PBS Environmental will endeavor to follow this outline to the extent possible. Please understand that this plan is subject to the industrial hygienist discretion at the time of sampling. Certain activities or conditions may preclude specific areas from sampling, and the location or number of samples may need to be adjusted.